

This listing of claims replaces all prior versions, and listings of claims in the application:

### LISTING OF THE CLAIMS

1. (Currently Amended) A magazine-based data cartridge library comprising: a cabinet; a shelf system, located within said cabinet, for supporting at least two data cartridge magazines and comprising at least one shelf; a drive that is located within said cabinet; a magazine transport device, located within said cabinet, for moving a data cartridge magazine within a portion of an interior ~~volume~~ space defined by said cabinet; a cartridge transport device, located within said cabinet, for moving a data cartridge between a one of said data cartridge magazines and said drive; and an entry/exit port for conveying a one of said data cartridge magazines between an environment that is exterior to said cabinet and a said interior space ~~that is interior to said cabinet~~; wherein said interior space is accessible to said magazine transport device so that said magazine transport device can move a one of said data cartridge magazines between said interior space and said shelf of said shelf system.
2. (Withdrawn) A magazine-based data cartridge library, as claimed in claim 1, wherein: said magazine transport device comprises: a magazine picker for displacing a data cartridge magazine towards and away from said entry/exit port; and an elevator for moving said magazine picker.
3. (Withdrawn) A magazine-based data cartridge library, as claimed in claim 1, wherein: said entry/exit port comprises a data cartridge magazine orientation structure for inhibiting the loading of an incorrectly oriented data cartridge magazine.
4. (Withdrawn) A magazine-based data cartridge library, as claimed in claim 1, wherein: said entry/exit port comprises a tray with a lateral cross-section that is asymmetrical relative to a plane that vertically bisects said tray so as to inhibit the loading of an incorrectly oriented data cartridge magazine.

5. (Withdrawn) A magazine-based data cartridge library, as claimed in claim 1, wherein: said entry/exit port comprises a tray; wherein said tray is comprised of a planar surface, a first side surface that is operatively attached to said planar surface, and a second side surface that is operatively attached to said planar surface and substantially parallel to said first side surface; wherein said first side surface has a first shape and said second side surface has a second shape that is different than said first shape; wherein said first and second shapes contribute to inhibiting the loading of an incorrectly oriented data cartridge magazine.

6. (Withdrawn) A magazine-based data cartridge library, as claimed in claim 1, wherein: said entry/exit port comprises a tray; wherein said tray is comprised of a planar surface, a first surface that extends away from said planar surface, a second surface, and means for allowing said second surface to move between: (a) a first position that is in opposition to said first surface to prevent movement of a data cartridge magazine in a direction with a component transverse to said first and second surfaces, and (b) a second position that is not in opposition to said first surface so that a data cartridge magazine can be moved in a direction with a component transverse to said first and second surfaces.

7. (Currently Amended) A The magazine-based data cartridge library, as claimed in claim 1, wherein: said entry/exit port comprises a tray; wherein said tray is comprised of a planar surface, a first end surface that is operatively connected to said planar surface and extends away from said planar surface, a second end surface, and means for allowing said second end surface to move between: (a) a first position that is in opposition to said first end surface to prevent movement of a one of said data cartridge magazines in a one of a plurality of directions with a one of a plurality of components transverse to said first and second end surfaces, and (b) a second position that is not in opposition to said first surface so that a one of said data cartridge magazines can be moved in a said one of a plurality of directions with a said one of a plurality of components transverse to said first and second end surfaces.

8. (Currently Amended) A The magazine magazine-based data cartridge library, as claimed in claim 7, wherein: said means for allowing comprises a spring for biasing said second end surface towards said first position.

9. (Currently Amended) ~~A~~ The magazine magazine-based data cartridge library, as claimed in claim 7, wherein: said second end surface comprises a cam follower surface for contacting a cam to place said second end surface in said second position.

10. (Currently Amended) ~~A~~ The magazine magazine-based data cartridge library, as claimed in claim 7, wherein: said second end surface comprises an axle engagement structure; and said means for allowing comprises an axle that is operatively attached to said axle engagement structure.

11. (Currently Amended) ~~A~~ The magazine magazine-based data cartridge library, as claimed in claim 7, wherein: said tray is comprised of a first side surface and a second side surface that is substantially parallel to said first side surface; wherein said first and second side surfaces cooperate to prevent movement of a one of said data cartridge magazines in a said one of a plurality of directions with a said one of a plurality of components that is transverse to said first and second surfaces.

56. (New) A magazine-based data cartridge library comprising:

- a cabinet defining an interior space;

- a shelf system in said interior space adapted to support at least a first and second data cartridge magazine;

- at least a first drive in said interior space adapted to read and write data on a data cartridge;

- a magazine transport device capable of transporting within said interior space one of said magazines from said shelf system to a position for a cartridge transport to move at least one data cartridge from said data cartridge magazine to a cooperating relationship with said first drive; and

- an entry/exit port capable of receiving one of said magazines from outside said interior space wherein said robotic magazine transport device is capable of moving said magazine within said interior space to said shelf system.

57. (New) The magazine-based data cartridge library of claim 56 wherein said magazine transport device is robotic.

58. (New) A magazine-based data cartridge library comprising:

- a cabinet defining an interior space;
- a shelf system adapted to support at least a first and second data cartridge;
- at least a first drive adapted to read and write data to and from a data cartridge; and
- an entry/exit port capable of receiving one of said magazines into said interior space from outside said interior space wherein said magazine is movable within said interior space to said shelf system by a magazine transport device confined to said interior space.